APPENDIX

PENDING CLAIMS

3. A system for averting undesirable drug interaction between a drug and concomitant drug(s), both of which are metabolized by the same molecular species of drug-metabolizing enzyme in humans, or between a drug and concomitant drug(s) that is metabolized by the molecular species of drug-metabolizing enzymes that is inhibited by the said drug, which comprises timed-release control of the said drug or control of the site of release of the said drug to the digestive tract.

4. A system for averting undesirable drug interaction between a drug and concomitant drug(s), both of which metabolized by the drug metabolizing enzyme CYP3A4, or between a drug that inhibits CYP3A4 and concomitant drug(s) that is metabolized by CYP3A4, which comprises timed-release control of the said drug or controlling release specifically in the lower digestive tract of the said drug.

7. A drug preparation for averting undesirable drug interaction on the *in vivo* kinetics of a drug by concomitant drug(s) that inhibits *in vivo* metabolism of the said drug in humans, which comprises timed-release control of the concomitant drug or control of the site of release of the concomitant drug to the digestive tract.

8. A drug preparation for averting undesirable effects on the blood concentration of a drug by concomitant drug(s) that inhibits the *in vivo* metabolism of the said drug by CYP3A4 in humans, which comprises timed release control of the said drug or controlling release specifically in the lower digestive tract of the concomitant drug.

9. The drug preparation according to Claim 8, whereby the said drug and the concomitant drug are a combination selected from anfentanyl, fentanyl, sulfentanyl, cocaine, dihydrocodeine, oxycodeine, tramadol, erythromycin, clarithromycin, troleandomycin, azithromycin, itraconazole, ketoconazole, dapsone, midazolam, triazolam, alprazolam, diazepam, zolpidem, felodipine, nifedipine,

nitrendipine, amlodipine, isradipine, nicardipine, nimodipine, nisoldipine, nildipine, bepridil, diltiazem, verapamil, astemizole, terfenadine, loratidine, cyclosporine, tacrolimus, rapamycin, amiodarone, disopyramide, lidocaine, propafenone, quinidine, imipramine, amitriptyline, clomipramine, nafazodone, sertraline, trazodone, haloperidol, pimozide, carbamazepine, ethosuximide, trimethadione, simvastatin, lovastatin, fluvastatin, atrovastatin, etoposide, ifosfamide, paclitaxel, tamoxifen, taxol, vinblastine, vincristine, indinavir, ritonavir, saquinavir, testosterone, prednisolone, methylprednisolone, dexamethasone, proguanil, warfarin, finasteride, flutamide, ondansteron, zatsetrone, cisapride, cortisol, zonisamide, desmethyldiazepam, and conivaptan.

12. A method for averting undesirable drug-interaction on the *in vivo* kinetics of a drug by concomitant drug that inhibits the *in vivo* metabolism of the said drug by drug-metabolizing enzymes in humans, comprising administering to patients a drug preparation with which timed-release of the concomitant drug or release site of the concomitant drug to the digestive tract is controllable.

13. A method for averting undesirable effects on the blood concentration of a drug by concomitant drug that inhibits the *in vivo* metabolism of the said drug by CYP3A4, comprising administering to patients a drug preparation with which timed-release of the concomitant drug or release of the concomitant drug specifically to the lower digestive tract is controllable.

14. The method according to Claim 13, whereby the said drug and the concomitant drug are a combination selected from anfentanyl, fentanyl, sulfentanyl, cocaine, dihydrocodeine, oxycodeine, tramadol, erythromycin, clarithromycin, troleandomycin, azithromycin, itraconazole, ketoconazole, dapsone, midazolam, triazolam, alprazolam, diazepam, zolpidem, felodipine, nifedipine, nitrendipine, amlodipine, isradipine, nicardipine, nimodipine, nisoldipine, nildipine, bepridil, diltiazem, verapamil, astemizole, terfenadine, loratidine, cyclosporine, tacrolimus, rapamycin, amiodarone, disopyramide, lidocaine, propafenone, quinidine, imipramine, amitriptyline, clomipramine, nafazodone, sertraline, trazodone, haloperidol, pimozide,

carbamazepine, ethosuximide, trimethadione, simvastatin, lovastatin, fluvastatin, atrovastatin, etoposide, ifosfamide, paclitaxel, tamoxifen, taxol, vinblastine, vincristine, indinavir, ritonavir, saquinavir, testosterone, prednisolone, methylprednisolone, dexamethasone, proguanil, warfarin, finasteride, flutamide, ondansteron, zatsetrone, cisapride, cortisol, zonisamide, desmethyldiazepam, and conivaptan.

16. A drug preparation for averting undesirable effects on the blood concentration of a drug by concomitant drug(s) that inhibits the *in vivo* metabolism of the said drug by CYP3A4 in humans, which comprises timed release control of the said drug or controlling release specifically in the lower digestive tract of the concomitant drug, whereby:

the said drug and the concomitant drug are a combination selected from anfentanyl, fentanyl, sulfentanyl, cocaine, dihydrocodeine, oxycodeine, tramadol, erythromycin, clarithromycin, troleandomycin, azithromycin, itraconazole, ketoconazole, dapsone, midazolam, triazolam, alprazolam, diazepam, zolpidem, felodipine, nifedipine, nitrendipine, amlodipine, isradipine, nicardipine, nimodipine, nisoldipine, nildipine, bepridil, diltiazem, verapamil, astemizole, terfenadine, loratidine, cyclosporine, tacrolimus, rapamycin, amiodarone, disopyramide, lidocaine, propafenone, quinidine, imipramine, amitriptyline, clomipramine, nafazodone, sertraline, trazodone, haloperidol, pimozide, carbamazepine, ethosuximide, trimethadione, simvastatin, lovastatin, fluvastatin, atrovastatin, etoposide, ifosfamide, paclitaxel, tamoxifen, taxol, vinblastine, vincristine, indinavir, ritonavir, saquinavir, testosterone, prednisolone, methylprednisolone, dexamethasone, proguanil, warfarin, finasteride, flutamide, ondansteron, zatsetrone, cisapride, cortisol, zonisamide, desmethyldiazepam, and conivaptan.

17. A drug preparation for averting undesirable drug interaction on the *in vivo* kinetics of a drug by concomitant drug(s) that inhibits *in vivo* metabolism of the said drug in humans, which comprises timed-release control of the concomitant drug or control of the site of release of the concomitant drug to the digestive tract whereby:

the said drug and the concomitant drug are a combination selected from anfentanyl, fentanyl, sulfentanyl, cocaine, dihydrocodeine, oxycodeine, tramadol, erythromycin, clarithromycin, troleandomycin, azithromycin, itraconazole, ketoconazole, dapsone, midazolam, triazolam, alprazolam, diazepam, zolpidem, felodipine, nifedipine, nitrendipine, amlodipine, isradipine, nicardipine, nimodipine, nisoldipine, nildipine, bepridil, diltiazem, verapamil, astemizole, terfenadine, loratidine, cyclosporine, tacrolimus, rapamycin, amiodarone, disopyramide, lidocaine, propafenone, quinidine, imipramine, amitriptyline, clomipramine, nafazodone, sertraline, trazodone, haloperidol, pimozide, carbamazepine, ethosuximide, trimethadione, simvastatin, lovastatin, fluvastatin, atrovastatin, etoposide, ifosfamide, paclitaxel, tamoxifen, taxol, vinblastine, vincristine, indinavir, ritonavir, saquinavir, testosterone, prednisolone, methylprednisolone, dexamethasone, proguanil, warfarin, finasteride, flutamide, ondansteron, zatsetrone, cisapride, cortisol, zonisamide, desmethyldiazepam, and conivaptan.

18. (New) The system for averting undesirable drug interaction of claim 3, wherein said drug and the concomitant drug are both metabolized by the same molecular species of drug-metabolizing enzyme in humans.

19. (New) The system for averting undesirable drug interaction of claim 3, wherein the concomitant drug is metabolized by the molecular species of the drug-metabolizing enzymes that is inhibited by the said drug.

20. (New) The system for averting undesirable drug interaction of claim 18, wherein said drug and the concomitant drug are both metabolized by CYP3A4.

21. (New) The system for averting undesirable drug interaction of claim 19, the concomitant drug is metabolized by CYP3A4 and said drug inhibits CYP3A4.